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INTEGRATED  
Environmental Services, Inc.

August 31, 1998  
Via Federal Express

119

Hugh Marley  
California Environmental Protection Agency  
Regional Water Quality Control Board  
Los Angeles Region  
101 Centre Plaza Drive  
Monterey Park, CA 91754

Subject: Notification of Workplan Deviation  
Boeing C-6 Facility, Los Angeles, California

Dear Mr. Marley:

The 170-acre C-6 facility has been used since the 1940s for industrial purposes but is currently undergoing a phased demolition and redevelopment. On behalf of the Boeing Realty Corporation, Integrated Environmental Services Inc. has requested permission to destroy the following former production wells as part of the site demolition and redevelopment effort.

Boeing Designation	State Identification Number	Approximate Depth (feet)
Owner's Well No. 2	4 South 14 West 1F2	600
Owner's Well No. 3	4 South 14 West 1F3	600

In June 1998, Richard C. Slade and Associates submitted to the Regional Water Quality Control Board - Los Angeles a detailed workplan entitled *Workplan for Destruction of Two Water Supply Wells*. The workplan provided a thorough discussion of the procedures to be followed during the well destruction process, including pump removal, casing perforations, cementing intervals, and sub-grade (5 feet below ground surface) capping. On August 12, 1998, the workplan was approved by your office.

Owner's Well No. 3 is located in the third phase of the property redevelopment. This parcel (Parcel C) has on-going warehousing operations and is not scheduled for demolition until the year 2000. For this reason, Owner's Well No. 2 was cemented to grade in accordance with your verbal approval on August 24, 1998. A sub-grade mushroom cap will be placed on the well during the demolition of structures at Parcel C.

Your time and input has been greatly appreciated. Please contact me at (714) 852-9050, extension 20, if you need further information.

Very truly yours,

Chris Stoker  
Program Manager

cc: Mario Stavale, Boeing



Peter M. Rooney  
Secretary for  
Environmental  
Protection

# California Regional Water Quality Control Board

## Los Angeles Region

Internet Address: <http://www.swrcb.ca.gov/~rwqcb4>  
101 Centre Plaza Drive, Monterey Park, California 91754-2156  
Phone (323) 266-7500 FAX (323) 266-7600



Pete Wilson  
Governor

August 12, 1998

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AUG 17 1998

Mr. Chris Stoker  
Integrated Environmental Services, Inc.  
3990 Westerly Place, Suite 210  
Newport Beach, CA 92660

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### RESPONSE TO COMMENTS - WORKPLAN FOR DESTRUCTION OF TWO WATER-SUPPLY WELLS AT THE BOEING REALTY CORPORATION C-6 FACILITY, LOS ANGELES, CALIFORNIA (FILE NO. 100.315)

We have received and reviewed your *Response to Comments on the Workplan for Destruction of Two Water-Supply Wells at the Boeing Realty Corporation C-6 Facility in Los Angeles*, dated August 10, 1998. Staff also discussed the responses with BRC's consultants during a comment resolution conference call on August 4, 1998. Our comments on the potential for cross contamination between aquifers during the well destruction process, forwarded to BRC on June 22, 1998, have been appropriately addressed. You are authorized to implement the deep well destruction workplan.

Should you have any questions or comments regarding the above, please call Hugh Marley at (213)266-7669.

J.E. ROSS, P.E., Unit Chief  
Site Cleanup Unit

cc: Ms. Karen Baker, DTSC, Long Beach  
Ms. Debbie Oudiz, Office of Scientific Affairs  
✓ Mr. Mario Stavale, Boeing Realty Corporation  
Mr. Jeff Dhont, Federal EPA

California Environmental Protection Agency



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BOE-C6-0006096



**Peter M. Rooney**  
Secretary for  
Environmental  
Protection

# California Regional Water Quality Control Board

## Los Angeles Region

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**Pete Wilson**  
Governor

July 3, 1998

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Mr. Chris Stoker  
Integrated Environmental Services, Inc.  
3990 Westerly Place, Suite 210  
Newport Beach, CA 92660

### **RESPONSE TO DEEP WELL DESTRUCTION WORKPLAN COMMENTS - BOEING REALTY COMPANY C-6 FACILITY, LOS ANGELES, CALIFORNIA (FILE NO. 100.315)**

We have received and reviewed your Response to Deep well Destruction Workplan Comments dated July 01, 1998. In order to prevent cross contamination between aquifers, BRC will perforate and pressure grout the deep wells in stages. As discussed with you on July 1, 1998, each stage selected will comprise only one hydrologic unit. The stages will be defined based on existing site data and driller's logs. We concur that the procedure proposed above will minimize the potential for cross contamination between aquifers. Please provide us with a description of the stages selected.

Should you have any questions or comments regarding the above, please call Hugh Marley at (213)266-7669.

**J.E. ROSS, P.E., Unit Chief**  
Site Cleanup Unit

cc: Ms. Karen Baker, DTSC, Long Beach  
Ms. Debbie Oudiz, Office of Scientific Affairs  
✓ Mr. Mario Stavale, Boeing Realty Corporation  
Mr. Jeff Dhont, Federal EPA

**California Environmental Protection Agency**



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BOE-C6-0006097



Peter M. Rooney  
Secretary for  
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# California Regional Water Quality Control Board

## Los Angeles Region

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101 Centre Plaza Drive, Monterey Park, California 91754-2156  
Phone (323) 266-7500 FAX (323) 266-7600



Pete Wilson  
Governor

July 3, 1998

Mr. Chris Stoker  
Integrated Environmental Services, Inc.  
3990 Westerly Place, Suite 210  
Newport Beach, CA 92660

### WELL AND ELEVATOR DESTRUCTION - BOEING REALTY COMPANY C-6 FACILITY, LOS ANGELES, CALIFORNIA (FILE NO. 100.315)

We have received and reviewed your proposal to abandon monitoring well WCC-2S and destroy the former Building 11 elevator shaft. Monitoring well WCC-2s was damaged during Parcel A demolition activities and will be replaced with a new monitoring well designated BRC-2 pending construction of the proposed AutoNation building. BRC-2 will be installed outside the footprint of the proposed building. Also, the former Building 11 elevator shaft will be demolished, and soil samples collected will be analyzed for Parcel B chemicals of concern. We concur with the proposals listed above. Please submit a workplan for the proposed well abandonment and elevator shaft sampling for our review and approval.

Should you have any questions or comments regarding the above, please call Hugh Marley at (213)266-7669.

J.E. ROSS, P.E., Unit Chief  
Site Cleanup Unit

cc: Ms. Karen Baker, DTSC, Long Beach  
Ms. Debbie Oudiz, Office of Scientific Affairs  
✓ Mr. Mario Stavale, Boeing Realty Corporation  
Mr. Jeff Dhont, Federal EPA

*California Environmental Protection Agency*



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# California Regional Water Quality Control Board

## Los Angeles Region

Peter M. Rooney  
Secretary for  
Environmental  
Protection

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101 Centre Plaza Drive, Monterey Park, California 91754-2156  
Phone (213) 266-7500 • FAX (213) 266-7600



Pete Wilson  
Governor

June 22, 1998

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JUN 22 1998

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Mr. Chris Stoker  
Integrated Environmental Services, Inc.  
3990 Westerly Place, Suite 210  
Newport Beach, CA 92660

### WORKPLAN FOR DESTRUCTION OF TWO WATER-SUPPLY WELLS AT THE BOEING REALTY CORPORATION C-6 FACILITY, LOS ANGELES, CALIFORNIA (FILE NO. 100.315)

We have received and reviewed your *Workplan for Destruction of Two Water-Supply Wells at the Boeing Realty Corporation C-6 Facility in Los Angeles*, dated June 1998. Our comments are as follows:

- Shallow groundwater in the vicinity of the two wells may be contaminated. The abandonment procedure includes perforating the well casing. Please address the likelihood that this procedure may introduce contaminants from the shallow groundwater into deeper aquifers. Include any known data on the potentiometric surface for each aquifer penetrated by the well. Identify the time difference between perforating the casing and grouting the well.
- The workplan states, on page 6, that the well sediment will be sampled for VOCs and nitrate. Please clarify why only VOCs and nitrates were selected. Also, include the sediment sampling results as part of the final report.
- Should oil (free product) be detected in the well, as discussed on page 4, we will require that the oil be analyzed, and its impact on the aquifer, if any, be determined.

Should you have any questions or comments regarding the above, please call Hugh Marley at (213)266-7669.

J.E. ROSS, P.E., Unit Chief  
Site Cleanup Unit

cc: Ms. Karen Baker, DTSC, Long Beach  
Ms. Debbie Oudiz, Office of Scientific Affairs  
Mr. Mario Stavale, Boeing Realty Corporation  
Mr. Jeff Dhont, Federal EPA

*California Environmental Protection Agency*



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BOE-C6-0006099



RICHARD C. SLADE & ASSOCIATES

CONSULTING GROUNDWATER GEOLOGISTS

**WORKPLAN FOR DESTRUCTION  
OF TWO WATER-SUPPLY WELLS AT THE  
BOEING REALTY CORPORATION C-6 FACILITY  
LOS ANGELES, CALIFORNIA**

**Prepared for:**

**The Boeing Realty Corporation  
Long Beach, California**

**by:**

**Richard C. Slade & Associates  
Consulting Groundwater Geologists  
North Hollywood, California**

**RCS Job No. S9808  
June 1998**



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APR 15 1998

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INTEGRATED  
Environmental Services, Inc.

April 15, 1998  
Via Federal Express

James Ross  
California Environmental Protection Agency  
Regional Water Quality Control Board  
Los Angeles Region  
101 Centre Plaza Drive  
Monterey Park, CA 91754

Subject: **Proposal for Well Abandonment**  
Boeing C-6 Facility, Los Angeles, California

Dear Mr. Ross:

The 170-acre C-6 facility has been used since the 1940s for industrial purposes but is currently undergoing a phased demolition and redevelopment. On behalf of the Boeing Realty Corporation, Integrated Environmental Services Inc. is requesting permission to abandon the following former production wells as part of the demolition and redevelopment effort. The enclosed figure details the location of these wells on the C-6 property.

Boeing Designation	State Identification Number	Approximate Depth (feet)
Owner's Well No. 2	4 South 14 West 1F2	600
Owner's Well No. 3	4 South 14 West 1F3	600

These wells were installed in the 1940s and were an integral part of the fire suppression systems at the former Aluminum Company of America (ALCOA) operations. More recently, the Regional Water Quality Control Board has incorporated these wells in their regional water quality assessment network.

Upon your approval, and prior to the initiation of any abandonment procedures, a complete well abandonment workplan will be submitted for your review. A well abandonment report will be prepared to document the abandonment procedures conducted for each well.

Your time and input are greatly appreciated. Please contact me at (714) 852-9050, extension 20, if you need further information.

Very truly yours,

Chris Stoker  
Program Manager

cc: Mario Stavale, Boeing

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